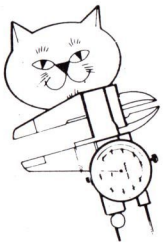
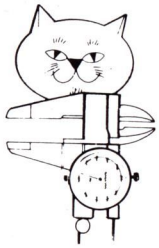
MODERNTOOLS CORP

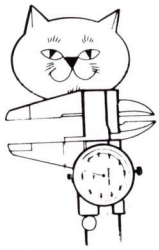
WHY SETTLE FOR COPYCAT CALIPERS ?



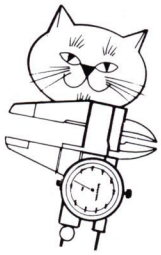
MITUTOYO



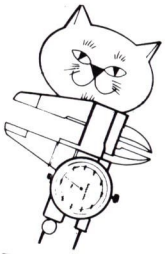
STARRETT



HELIOS

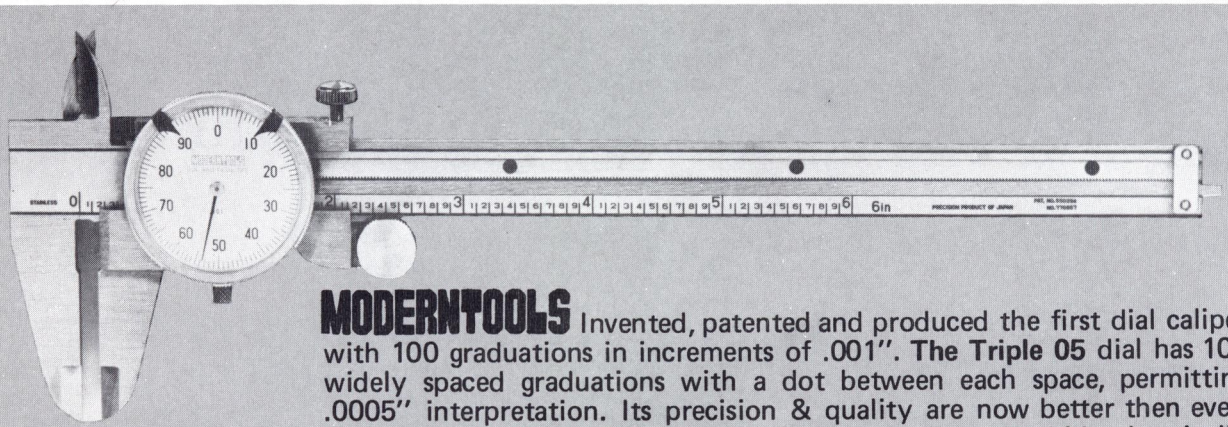


PAV



TESA BROWN & SHARPE

BUY THE FIRST, THE ORIGINAL MODERNTOOLS TRIPLE 05® DIAL CALIPER



MODERNTOOLS Invented, patented and produced the first dial caliper with 100 graduations in increments of .001". **The Triple 05** dial has 100 widely spaced graduations with a dot between each space, permitting .0005" interpretation. Its precision & quality are now better then ever. Our exclusive "Red Dot® "series features tungsten carbide electrically fused wear surfaces. Available from stock in 4" , 6" and 10" sizes in standard and microscrew construction.

Also Model MT 7 in extended lengths - 12", 18" & 24" -with Triple 05 dial & patented, exclusive, TRULY COVERED SHORT RACK.

MEASURE CURVED WALLS accurately with exclusive CALI-NEO BALL that fits all calipers. $ 1.50.

ASK FOR DETAILED BROCHURE ON OUR DIAL AND VERNIER CALIPERS (INCH and METRIC)SPECIAL, MULTI–PURPOSE CALIPERS AND EXTENDED LENGTH, PATENTED SHORT RACK DIAL CALIPERS.

MODERNTOOLS CORP

POST OFFICE BOX 407 WOODSIDE, NEW YORK 113377 TEL: 446-6262

NEISE MODERNTOOLS

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MODERNTOOLS STARTS ANOTHER REVOLUTION

NEW

WITH ITS PATENTED
"DOUBLE 05"
METRIC DIAL CALIPER

ONE MILLIMETER PER REVOLUTION OF DIAL

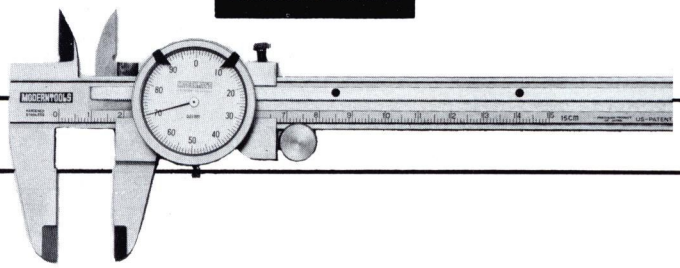
EACH GRADUATION OF DIAL IS 0.01mm

DOT BETWEEN DISCRIMINATE TO 0.005mm

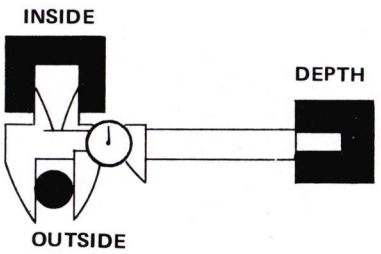
MODERNTOOLS METRIC

MODEL MT-11 "DOUBLE 05"

NEISE MODERNTOOLS



- Each graduation of dial is 0.01 mm
  Dot between discriminates to 0.005 mm
- One millimeter per one revolution of dial
- Capacity 0-150 mm
- Outside, Inside and Depth Measurement
- Adjustable tolerance markers
- Hardened Stainless Steel
- Dissimilar metal construction of sliding and rolling movements provides self-lubrication
- Shock Proof
- Anti-Backlash Mechanism
- Non-Magnetic gear rack repels ferrous contaminating chips



EXCLUSIVE

RED DOT JAWS-

TUNGSTEN CARBIDE, ELECTRICALLY-FUSED WEAR SURFACES-OPTIONAL

MODERNTOOLS ARE THE RELIABLE CALIPERS WHETHER YOU MEASURE IN INCH OR METRIC SYSTEM.
ASK FOR OUR INSTRUMENT BROCHURES FOR DIAL AND VERNIER CALIPERS, SPECIAL, MULTI-PURPOSE CALIPERS AND EXTENDED LENGTH, PATENTED SHORT RACK DIAL CALIPERS.

NEISE MODERNTOOLS

KARL A. NEISE. INC.
56-02 ROOSEVELT AVE. WOODSIDE, NEW YORK 11377
PHONE: 212-446-7799 CABLE ADDRESS: KARLNEISE

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MODERNTOOLS CORP

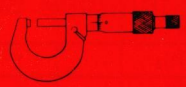
MODERNTOOLS now offers a caliper which embodies the greatest advancement in reading ease and accuracy since the introduction of the dial.

.0005

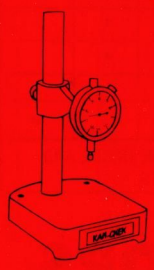
THE "TRIPLE 05" DIAL

- You can read it easier and faster.
- You can eliminate errors by continuous, direct reading.
- You can read .0005".
- You can discriminate to .00025".

All of the above advantages have been added to the already superior qualities of the Moderntools series of dial calipers and dial height gages, including MT-7 dial caliper series with the unexposed short gear rack available in sizes 12", 18" & 24".

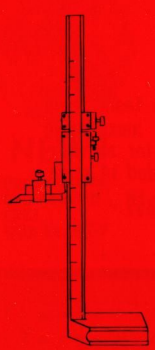


Together with the completely hardened and ground construction, adjustable tolerance dial, lifetime lubrication and satin chromed scales of our standard instruments, the "Triple 05" dial makes all other instruments in the field obsolete.



Available NOW from your authorized Moderntools dealer.

Moderntools Corp., Div. of Karl A. Neise, Inc., leads the way and has continuously anticipated the needs of industry to better the quality, dependability and accuracy of its vernier and dial calipers.



Innovations have been permanent lubrication; more precise engraving; smoother action; larger dials for better readability. Moderntools also pioneered the new .100" per revolution dial with .0005" divisions and .00025" discrimination.

SPECIAL OFFER

OUR NEW EXCLUSIVE CALI-NEO BALL
FITS ALL CALIPERS
FREE WITH EACH MT-7 OR ULTRA-MET CALIPER

KARL A. NEISE, INC.
56-02 ROOSEVELT AVE. WOODSIDE, NEW YORK 11377
PHONE: 212-446-7799 CABLE ADDRESS: KARLNEISE

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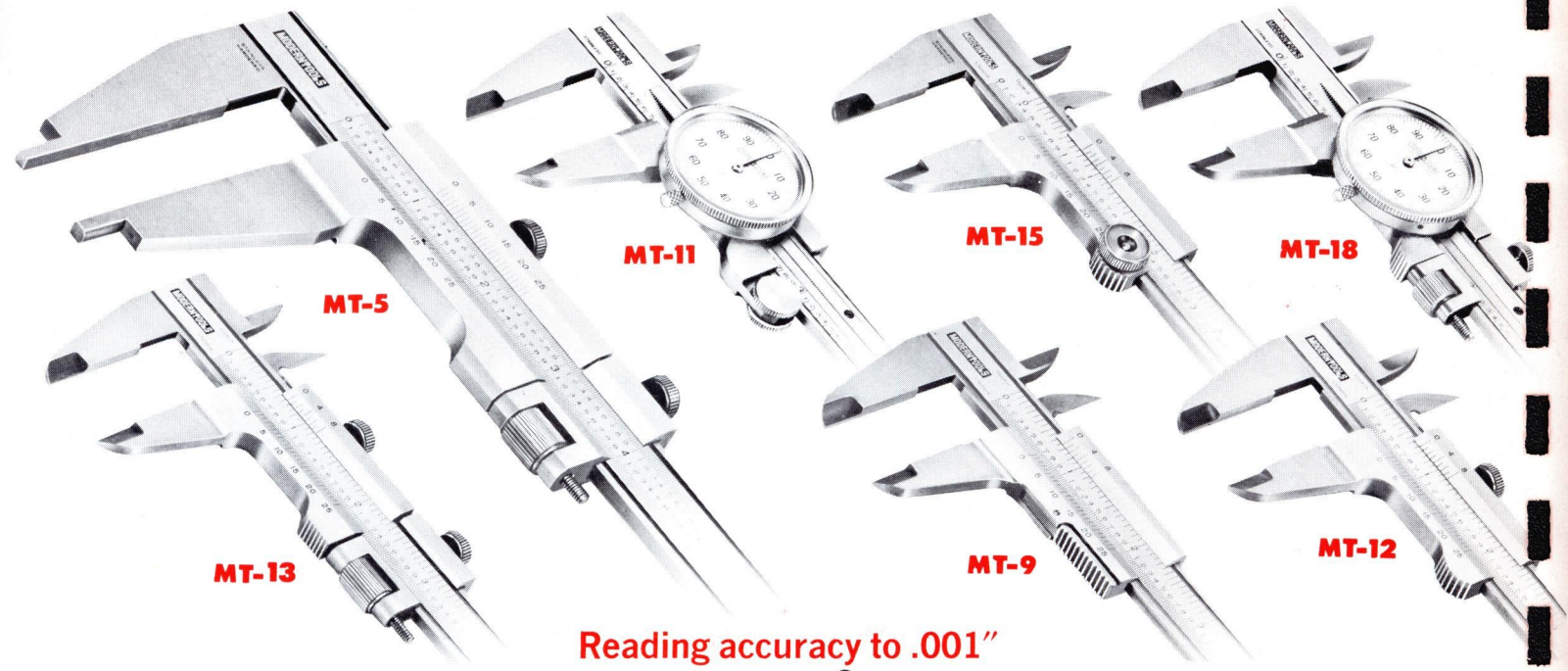
CALIPERS TO SUIT EVERY NEED



Reading accuracy to .001″

- Manufactured to specifications traceable to the National Bureau of Standards
- Hardened and Ground Stainless Steel Inside, Outside and Depth Measurements
- Satin Chromed Scales
- Clean, lifetime lubrication
- Dial Calipers also feature adjustable tolerance dials and tolerance markers

NEW RED DOT ● SERIES: TUNGSTEN CARBIDE, ELECTRICALLY-FUSED, WEAR SURFACES

TRIPLE-05 DIAL CALIPERS

MODEL	SCALE 1/1000″	JAW LENGTH	ADJUSTMENT Roller	ADJUSTMENT Micro
MT-11/4″	•	1 1/16	•	
MT-11/6″	•	1 1/16	•	
MT-11/8″	•	2 1/2	•	
MT-11/10″	•	2 1/2	•	
MT-11/12″	•	2 1/2	•	

TRIPLE-05 MICRO-SCREW DIAL CALIPERS

MT-18/4″	•	1 1/16		•
MT-18/6″	•	1 1/16		•
MT-18/8″	•	2 1/2		•
MT-18/10″	•	2 1/2		•
MT-18/12″	•	2 1/2		•

NEW

MODEL "DOUBLE 05"
METRIC DIAL CALIPER

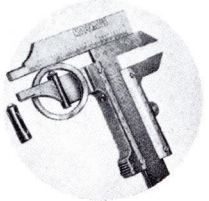
See Separate Brochure

SPECIAL OFFER

OUR NEW EXCLUSIVE CALI-NEO BALL

FITS ALL CALIPERS

FREE WITH EACH MT-7 OR ULTRA-MET CALIPER



VERNIER CALIPERS

MODEL	SCALES 1/1000″ & 1/20MM	SCALES 1/1000″ & 1/128″	JAW LENGTH	ADJUSTMENT Micro	ADJUSTMENT Lock or Knob
MT-5/12″		•*	2 3/4	•	
MT-5/24″		•*	3 15/16	•	
MT-9/6″	•		1 1/16		•
MT-12/6″	•	•	1 1/16		•
MT-12/8″	•		1 15/16		•
MT-12/12″	•		2 1/2		•
MT-13/6″	•		1 1/16	•	
MT-13/8″	•	•	1 15/16	•	
MT-13/12″	•		2 1/2	•	
MT-15/6″	•		1 1/16		•
MT-15/8″	•		1 15/16		•

*MT-5 HAS ONLY 1/000″ SCALES FOR INSIDE AND OUTSIDE MEASUREMENTS

DIAL INDICATORS

MODEL	DIAL SIZE	RANGE	GRAD
MT-A	1 1/4″	.030″	.0005″
MT-C	1 1/4″	.010″	.0001″
MT-G	2 3/4″	.400″	.0005″
MT-H*	2 3/4″	.200″	.0001″

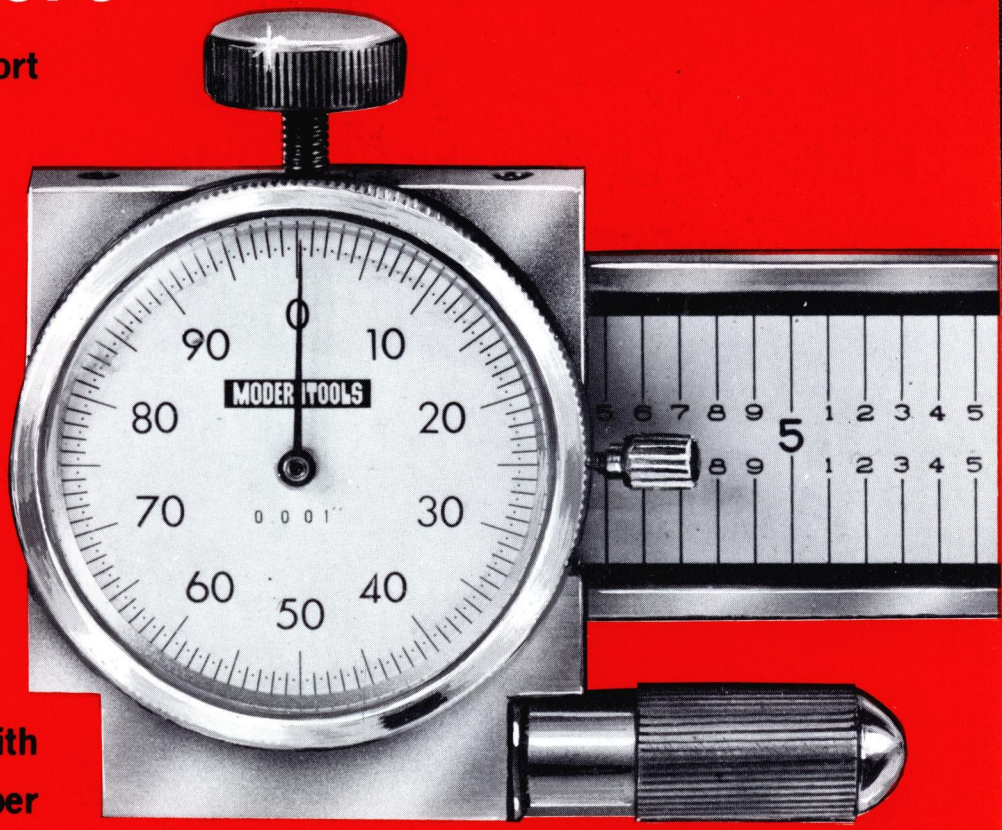
*Type "H" with plunger

All these precision dial indicators are jeweled. Team them with MODERN TOOLS MAGNETIC BASE for an inexpensive measuring combination. Team with KAN-CHECK for an inexpensive Comparator Stand. Case included in price.

Your Quality Control Caliper Is Now Here

The Newly developed MT 7 Short Rack Dial Caliper makes all extended length calipers obsolete.

With the Short Rack feature, the dial hand is at zero until finalizing the measurement with the microscrew, thereby increasing dial life immeasurably.



This fine quality control tool with its new dial graduated .100" per revolution tells you immediately whether the dial is plus or minus, and eliminates repeated confirmations of previous measurements.

The New MT 7 Caliper is the first:

- With .100" graduations per revolution reading to .0005", discrimination to .00025".
- With the unique Short Rack Dial gear mechanism protected whether caliper is open or closed.
- With a lifetime of measuring accuracy.
- Sizes 12" – 18" – 24".

NEW!
Our Exclusive Cali-Neo Ball FREE With Ea. MT-7

Meet Government Specifications traceable to the National Bureau of Standards.

Now Available In NEW RED DOT • Series: Tungsten Carbide, Electrically-Fused, Wear Surfaces

MODERNTOOLS CORP

NEW!

MODERNTOOLS

KAN SHOP GAGE BLOCKS

PRECISION: 20 MILLIONTHS(±.00002")

DOUBLE LAPPED WEAR SURFACES TO 4 MICRO INCHES

HARDENED TO 65 ROCKWELL

IDEAL FOR MACHINE SET–UP AND INSPECTION.
A low cost gage system for 75% of shop requirements.

STANDARD 35 piece set in Wooden Case including wrench and clamping screws $79.00

Blocks are ¾" OD and ¼" x 28 threaded ID for clamping.

Set consists of inch size blocks as follows:

.050	.060	.070	.080	.090	.100
.101	.102	.103	.104	.105	.106
.107	.108	.109	.110	.120	.130
.140	.150	.160	.170	.180	.190
.200	.300	.400	.500	.600	.700
.800	.900	3 pieces 1.000			

OPTIONAL SIZES AVAILABLE:			
0625, .125, .250, .625, .750	each	$ 2.75
End Blocks .500	each	2.75
.1001 to .1009	set	30.00
.111 to .119	set	27.00
2.000"	each	5.00
4.000"	each	8.00
6.000"	each	10.00

METRIC SET: 43 pieces as follows: ..... Set 97.00

1 mm to 25 mm (1 mm increments) 25 pcs.
1.1 mm to 1.9 mm – 9 pcs.
1.01 mm to 1.09 mm – 9 pcs.

Prices are FOB Woodside warehouse and subject to change without notice.

NEISE MODERN TOOLS

KARL A. NEISE. INC.
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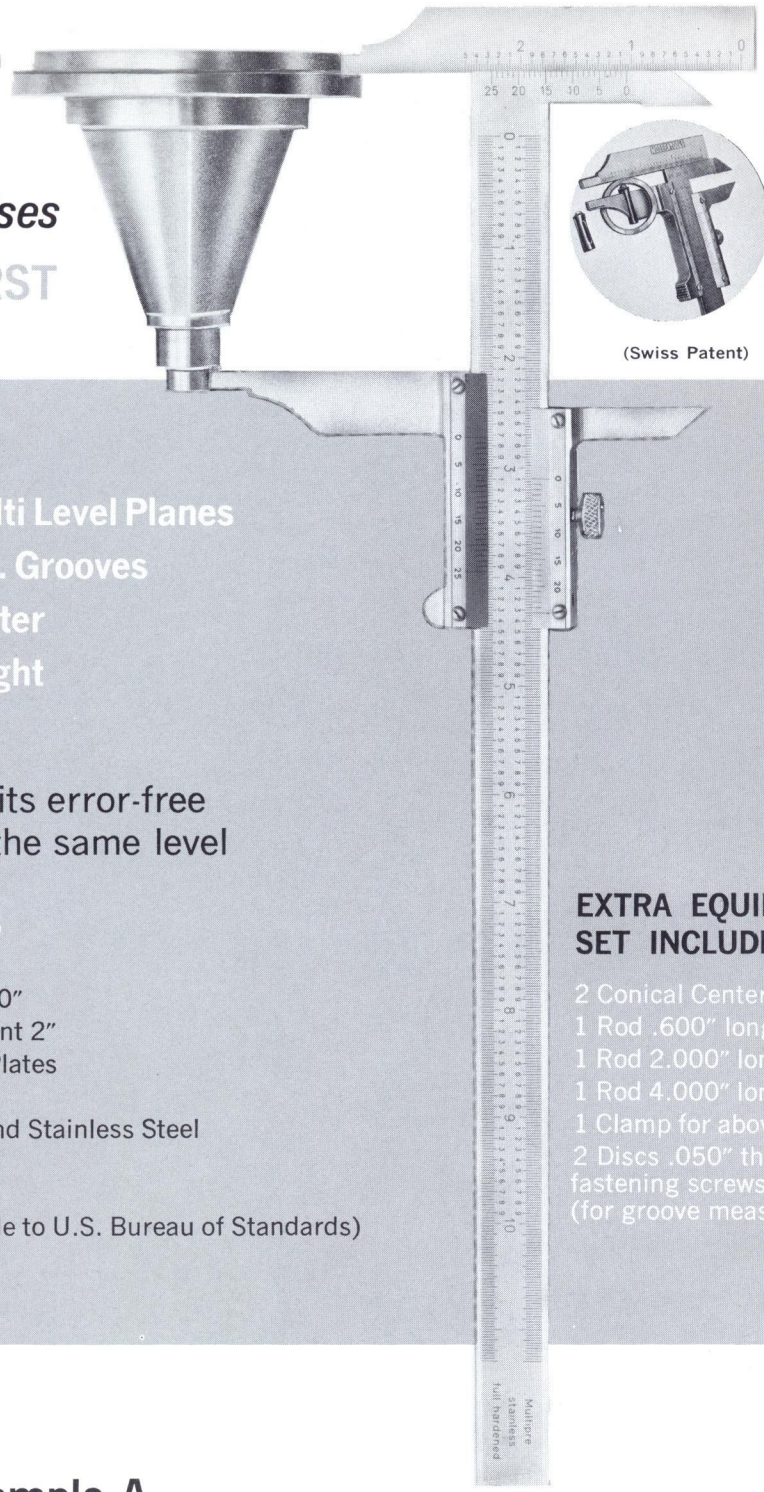
ULTRA-MET

The Caliper with a Thousand Uses

Another NEISE Moderntools FIRST



NEW!

FREE! Cali-Neo Ball . . . Our Exclusive!

(Swiss Patent)

Measures:

- Between Stepped and Multi Level Planes
- Inside
- Outside
- Depth
- I.D. Grooves
- O.D. Grooves
- Center
- Height

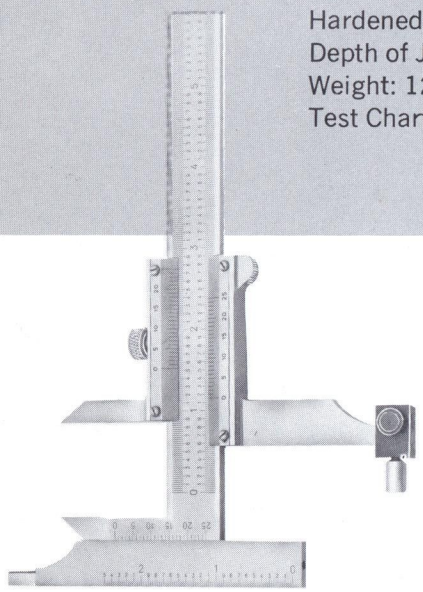
For the first time a Caliper which permits error-free measurements between points not on the same level

SPECIFICATIONS

Reading to .001"
Measuring Range: 10"
Sliding Jaw Movement 2"
Adjustable Vernier Plates
Dull Chrome Finish
Hardened and Ground Stainless Steel
Depth of Jaws: 2⅜"
Weight: 12 oz.
Test Chart (Traceable to U.S. Bureau of Standards)

EXTRA EQUIPMENT SET INCLUDES

2 Conical Centering Points
1 Rod .600" long
1 Rod 2.000" long
1 Rod 4.000" long
1 Clamp for above
2 Discs .050" thick with fastening screws (for groove measurement)



Example A:

Using ULTRA-MET as a Height Gage by reversing sliding jaw as on Example E.

Attach .600", 2.000" or 4.000" extension rod with clamp. This provides means to measure internal depths and surfaces from the work table surface.

MODERNTOOLS CORP *"the precision line"*

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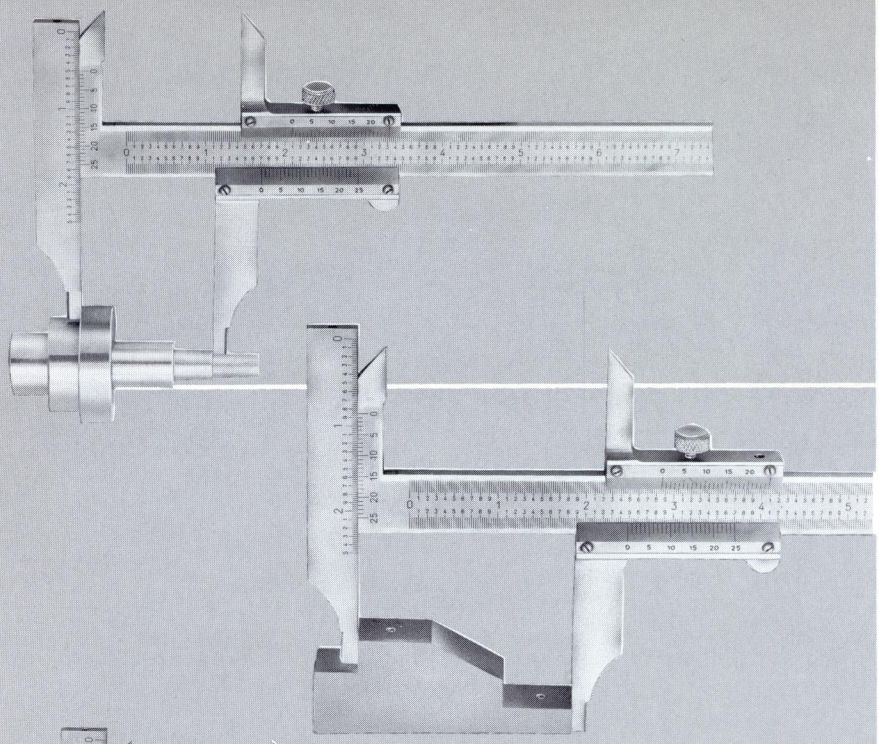
NEISE MODERNTOOLS



Example B:

Measuring the exact distance between two surfaces at two different diameters.

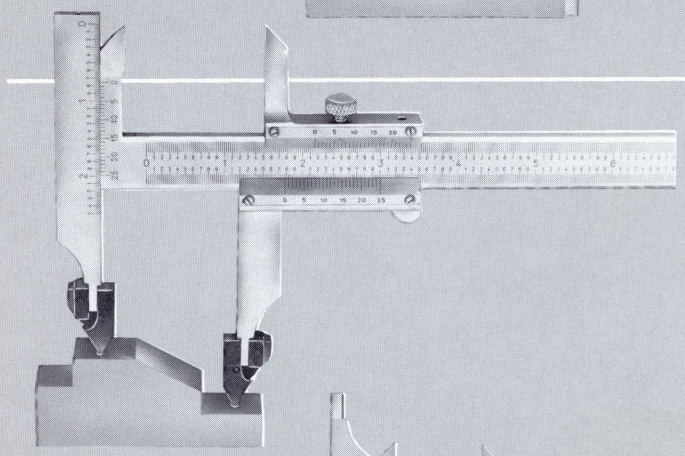
Offset sliding jaw to the difference betwee the two diameters using vernier on sliding jaw.

A true measurement is made because both jaws are 90° to centerline of workpiece.

Example C:

Measuring between two faces where surfaces are on different levels.

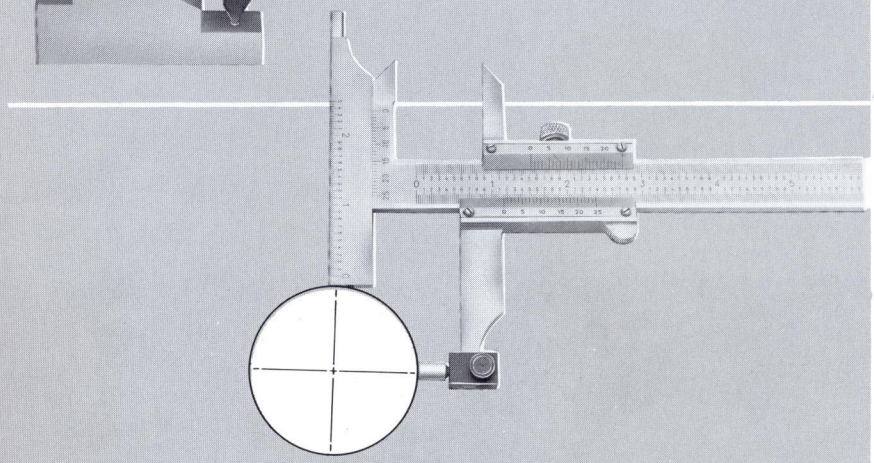
Procedure is the same as in Example B.



Example D:

Measuring the centerline of two drilled holes on different levels (Holes may be of different sizes).

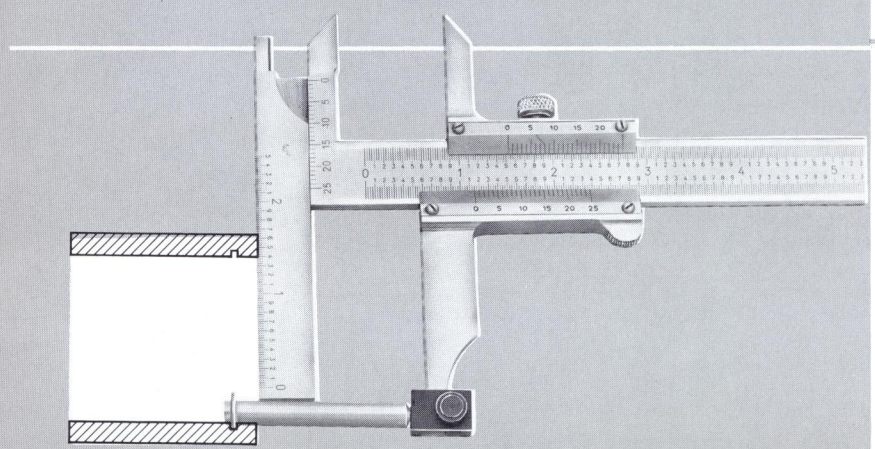
Attach conical clamps on each jaw, offset sliding jaw to accommodate variable heights, insert conical points into holes and read measurement on vernier.



Example E:

Using ULTRA-MET to set milling cutters, etc

Reverse sliding jaw, attach .600″ extensio rod and clamp. Set vernier of sliding jaw to ½ of the diameter of the workpiece. This locates center of shaft. Rest sliding jaw on side of milling cutter and ad ½ of the thickness of the milling cutter to vernier reading, this positions the cutter in center of workpiece.



Example F:

Measuring internal O-Ring and snap ring grooves.

Attach the required extension rod with clamp, place .050″ disc and screw at end of the extension rod place sliding jaw on edge of bore and measure the position of the groove.

Manufacturer reserves the right to improve construction without notice. Printed in U. S. A.

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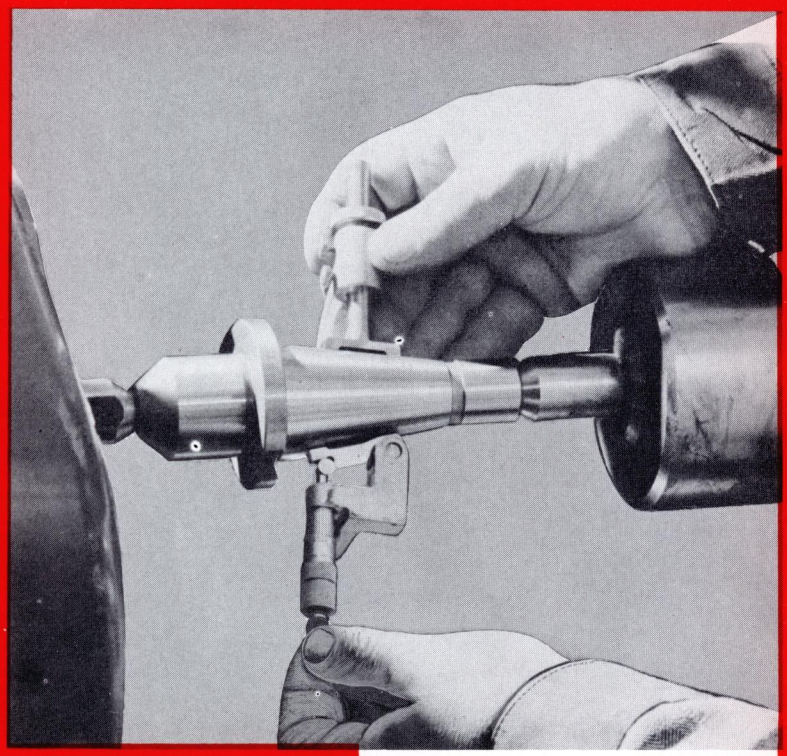
NEW!

MODERNTOOLS

KAN TAPER-MET

DIRECT READING SINE BAR TAPER MICROMETER



EASILY! QUICKLY!

Measure and check included angle tapered workpieces in the machine! NO NEED TO REMOVE FROM MACHINE.

ELIMINATES

Error-prone and time consuming bench sine bar and job block set-ups.

PRECISION ±.0002"

OUTSIDE DIAMETER

Measurements from 0" to 18" of all standard tapers with 8 instruments. Discrimination to ±.0002"

INSIDE DIAMETER

Taper measurements from .225" to 2.650" diameters with 4 instruments. Discrimination to ±.0002"

METRIC MODELS ALSO AVAILABLE.

Measurement of O.D. taper with TAPER-MET, Direct Reading Sine Bar Taper Micrometer.

KARL A. NEISE. INC.

NEISE MODERN TOOLS

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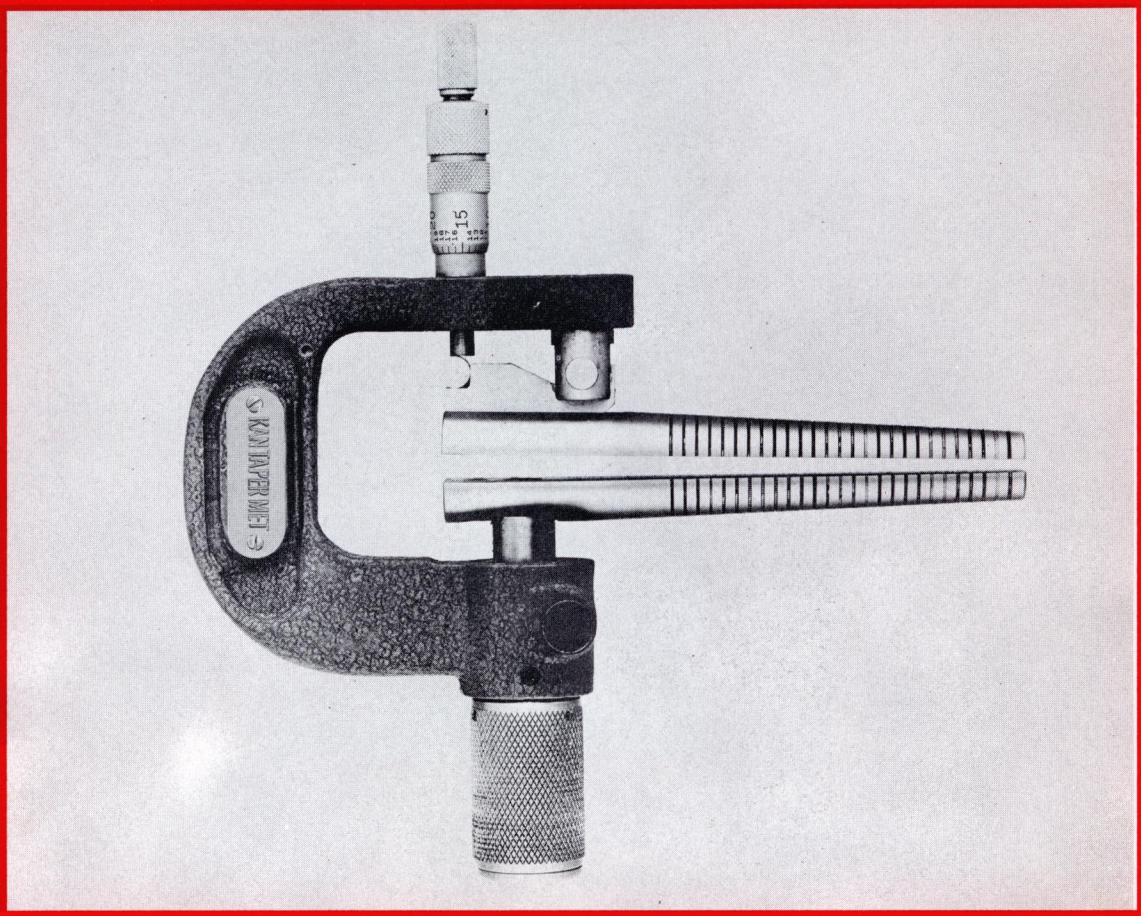
PHONE: 212-446-7799 CABLE ADDRESS: KARLNEISE

NEW!

MODERNTOOLS

KAN TAPER-MET

DIRECT READING SINE BAR TAPER MICROMETER



INSIDE DIAMETER TAPER MET
Direct Reading Sine Bar Taper Micrometer

OUTSIDE DIAMETER SINE BAR MICROMETER

Model # 2 measures 0" to 1-¼" dia. tapers

Model # 3 measures 1" to 2-¼" dia. tapers

Model # 4 measures 2" to 4" dia. tapers

Model # 5 measures 4" to 6" dia. tapers

Model # 6 measures 6" to 7-3/4" dia. tapers (has 2" Sine Bar)

Model # 7 measures 7-¾" to 9-¾" dia. tapers (has 2" Sine Bar)

Model # 8 measures 10" to 13" dia. tapers (has 2" Sine Bar)

Model # 9 measures 13" to 18" dia. tapers (has 2" Sine Bar)

INSIDE DIAMETER SINE BAR MICROMETER

Model # 0 measures .225" to .875" dia. tapers

Model # 1 measures .450" to 1.250" dia. tapers

Model # 2 measures .650" to 1.850" dia. tapers

Model # 3 measures 1.600" to 2.650" dia. tapers

All prices are FOB Woodside Warehouse and are subject to change without notice.

NEISE MODERNTOOLS

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